

ANDHRA UNIVERSITY

Andhra University, a premier institute of higher learning in India, was established in 1926. Located on the uplands of Visakhapatnam, 'The City of Destiny' the natural beauty of the University campus is breathtaking with the spread of serene blue shade of the Bay of Bengal on one side and beautiful green Kailasagiri hill range on the other.

ANDHRA UNIVERSITY COLLEGE OF ENGINEERING (A)

Andhra University College of Engineering (A), Visakhapatnam, is one of the campus colleges of the University. At the time of its inception in 1955 it was a department of engineering with Civil, Mechanical and Electrical Engineering as the main branches. In 1966, the College of Engineering became a constituent college of Andhra University. AUCE is spread over 167 acres. The college of engineering (Autonomous) consists of 12 engineering and 4 basic Sciences departments, one interdisciplinary research Centre offering 15 undergraduate and 28 postgraduate engineering programs. All the departments run research programs leading to PhD Degrees.



DEPARTMENT OF ELECTRICAL ENGINEERING

The Department of Electrical Engineering was started in 1955 as one of the three constituents of the Department of Engineering in Andhra University and grown to the status of full Department in 1969. Currently department offers a UG in Electrical and Electronics engineering and PG programs in Power Systems Automation, Control Systems Engineering and in Power Electronics & Drives. The Department offers full time and part time Ph.D. programs to promote research activities in the areas related to Electrical Engineering.

ABOUT THE WORKSHOP

The purpose of this workshop is to give an insight into issues and applications of renewable energy available in the environment for generation of green electrical power for minimizing the pollution of air, soil and water. Most of emissions of green power technologies are environment friendly for keeping the human living beings healthy by minimizing the pollution. The workshop will discuss the health issues of environmental pollution to bring the awareness for the researchers towards interdisciplinary research. The research scopes and opportunities for entrepreneurs in solar and other renewable sources for technology development will be another objective of the program. Eminent experts from premier institutions within the country will be delivering lectures at the workshop. Researchers and students look forward to formulate their own research problems or solving their existing ones as an outcome of this workshop through keynote and guest lectures and interaction with experts in the field. It is expected that such an exercise will provide an opportunity for both the participants and the investigators to come together and inspire more students to take up Energy and Environment as an activity that finds solutions to socially relevant issues.

TOPIC FOR DISCUSSION INCLUDE

- Soft computing methods for Energy and environment problems
- Renewable Energy Sources and Research Opportunities
- Applications of off grid, on grid PV generators and micro grid systems
- Business Opportunities in solar power systems
- Health issues of environmental Pollution and research opportunities

RESOURCE PERSONS

The faculty from eminent institutions and from industry will deliver the lectures in this work shop.

LECTURE NOTES

To fully realize the objectives of the course, the Lecture notes/slides will be made available to the Participants. In addition, simulation example files and documentation files, used during the course will be made available to the participants.

REGISTRATION FEE

Registration fee has to be paid along with the Registration form by DD drawn in favor of Principal, AUCE (A), payable at Visakhapatnam

Participants from Industry : Rs 1000/-
Faculty from Academic Institutions : Rs 750/-
Full time scholars/PG Students : Rs 500/-

REGISTRATION FORM
TWO DAY NATIONAL WORKSHOP
on
**Green Power Technologies for Healthy
Environment – Issues and Opportunities**

Sponsored by TEQIP PHASE- II

Name :

Category : Industry/R&D/Acad./Scholar

Address for Correspondence:

Email (Mandatory) :

Tel/ Mobile No :

Accommodation : Yes*/ No

(*Provided on Payment basis subject to
availability)

Registration Fees :

DD No. and Date :

Bank/ Branch :

I declare that the details furnished above
are correct to the best of my knowledge and belief.
I also undertake to abide by the rules and other
conditions prescribed during this two day work
shop at A.U College of Engineering,
Visakhapatnam.

Signature of participant

Signature of Principal/
HOD with stamp

ORGANIZATION COMMITTEE

Chief Patron

Prof. G. Nageswara Rao
Honorable Vice-Chancellor
Andhra University

Patron

Prof. P.S. Avadhani
Principal,
AU College of Engineering (A), AU

Chairman

Prof. K. Vaisakh
Head of Electrical Engineering

Convener

Prof. N. Prema Kumar,
Professor of Electrical Engineering, AUCE (A)

Co-Conveners

Prof. Ch.V.V.S. Bhaskara Reddy, Professor
Mr. B. Amarendra Reddy, Asst. Professor

Advisory Committee

Prof. G.V. Siva Krishna Rao
Prof. K. Rama Sudha
Prof. P. Mallikarjuna Rao
Prof. T. R. Jyothsna

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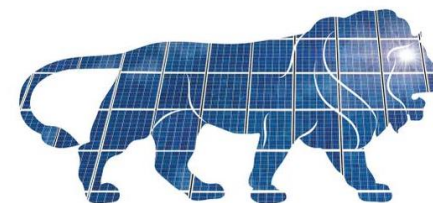
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Call for Participation

TWO DAY NATIONAL WORKSHOP
on

**Green Power Technologies for Healthy
Environment – Issues and Opportunities**

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GPTHEIO – 2017

25th and 26th March, 2017



Organized by

DEPARTMENT OF ELECTRICAL ENGINEERING
AU COLLEGE OF ENGINEERING (A)
ANDHRA UNIVERSITY
VISAKHAPATNAM-530003, A.P INDIA